



FACILITY COMPLIANCE INSPECTION REPORT

Division of Waste Management Solid Waste Section

UNIT TYPE:										
Lined MSWLF		LCID		YW		Transfer		Compost		COUNTY: BUNCOMBE PERMIT NO.: SWCD-11-01 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incineration		T&P		
CDFL		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO	<input checked="" type="checkbox"/> SDTF	

Date of Site Inspection: 8/21/12, 9/25/12, 10/19/12

Date of Last Inspection: New Facility

FACILITY NAME AND ADDRESS:

Danny's Dumpster
120 Hardesty Lane
Asheville, NC 28805

GPS COORDINATES: N: 35.572394 E: -82.487613

FACILITY CONTACT NAME AND PHONE NUMBER:

Name: Danny Keaton
Telephone: 828-380-9094
Email address: dannysdumpster@gmail.com
www.dannysdumpster.com

FACILITY CONTACT ADDRESS:

60 Huckleberry Cove
Leicester, NC 28748

PARTICIPANTS:

Andrea Keller, NCDENR – Solid Waste Section
Tony Gallagher, NCDENR – Solid Waste Section (10/19/12 only)
Danny Keaton, Owner/Operator

STATUS OF PERMIT:

Type 3 Compost Facility
Solid Waste Compost Demonstration Approval Letter: September 17, 2012
Extension Request Date: 6/17/13
Expiration Date: 9/17/13

PURPOSE OF SITE VISIT:

Pre-Operational Inspection: 8/21/12
Partial Site Inspection(s): 9/25/12 and 10/19/12

STATUS OF PAST NOTED VIOLATIONS:

None

OBSERVED VIOLATIONS:

None

2090 US Highway 70, Swannanoa, North Carolina 28778
Phone: 828-296-4500 \ FAX: 828-299-7043 \ Internet: <http://portal.ncdenr.org/web/wm/sw>

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The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be advised that pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Laws, Regulations, Conditions of a Permit, or Order under Article 9 of Chapter 130A of the N.C. General Statutes. Further, the facility and/or all responsible parties may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

ADDITIONAL COMMENTS

August 21, 2012

1. On site to conduct pre-operational site inspection.
2. All buffers appeared to be adequate. On two sides of the operational area berms mark the edge/buffer. Some site works remains to be completed (mowing, removal of concrete, etc.) but the layout of the bins/tanks system were marked and appeared to match the application site plan.
3. No issues were noted. The facility had not been issued a composting demo – approval was pending site inspection and leachate leak test.

September 25, 2012

4. On site to conduct partial site inspection. Construction of first bin system (forced aeration method) was complete and in use (waste was first accepted on 9/14/12). Walls of the second bin were under construction.



9/25/12

5. The leachate tank was leak tested prior to operation (per Altamont Environmental, Inc.). [1200 gallon capacity]
6. Discussed sampling and recordkeeping requirements. It was recommended that temperatures be checked more often during the first few cycles of bin use in order to determine time/temp trends.
7. All food wastes were within the bin system at the time of the inspection. No issues were noted.

October 19, 2012

8. On site with Tony Gallagher to conduct partial site inspection.
9. Two of the three bins were full – each bin has an approximate 80 cubic yard capacity.

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10/19/12

Bin #1 had met PFRP temp requirements and was ready to be windrowed. Requirements for Type 3 waste are as follows: the compost process must be maintained at a temperature above 104° F for 14 days (or longer) with an average greater than 113° F AND for static aerated pile methods the temperature shall be maintained at or above 131°F for at least three days.

10. A. Keller provided the following table below which outlines required testing for Type 3 facilities (in accordance with Section .1407 and .1408 of the Solid Waste Management Rules). Please note that Condition #8 of the demonstration approval letter requires that all compost shall be tested and the results approved by the Solid Waste Section prior to being used at the facility or removed from the facility for any use.

Test Requirements	Test Description/Methodology	Allowable Limits
Foreign Matter Test (also known as the Manmade Inerts % dry wet of inerts, per .1407 Table 2)	A dried, weighed sample of compost product is passed through a ¼ inch screen. The material remaining on the screen is inspected and the foreign matter that can be clearly identified is separated and weighed. The weight of the foreign matter divided by the weight of the total sample is determined and multiplied by 100 to calculate the percent dry weight of the foreign matter content.	≤6 %
Pathogen Reduction (PFRP test)	Fecal Coliform (*more than one option for PFRP testing, Appendix B)	<1000 MPN/g
Metal Concentration (.1407 Table 1 and .1408 Table 3)	Cadmium (Cd), Copper (Cu), Lead (Pb), Nickel (Ni), and Zinc (Zn)	<u>Cd < 39 mg/kg</u> <u>Cu < 1500 mg/kg</u> <u>Pb < 300 mg/kg</u> <u>Ni < 420 mg/kg</u> <u>Zn < 2800 mg/kg</u>

<http://portal.ncdenr.org/web/wm/sw/rules/rulelist>

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11. D. Keaton asked about the possible addition of a 4th bin on site – T. Gallagher stated that the request to modify the currently approved demonstration should be submitted in writing/email.

Please contact me if you have any questions or concerns regarding this inspection report.



Andrea Keller
Environmental Senior Specialist
Regional Representative

Phone: 828-296-4700

Sent on: November 5, 2012		Email: dannysdumpster@gmail.com	US Mail: 60 Huckleberry Cove Leicester, NC 28748		Certified No. <input type="checkbox"/>
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ec: Tony Gallagher, Compost & Land Application Branch Manager
Jason Watkins, Western District Supervisor – Solid Waste Section
Jessica Montie, Compliance Officer – Solid Waste Section
Becky Whetstone, Compost & Land Application Branch